

Amendments to the Claims

Please cancel claims 52 and 57, and amend claims 42, 48, 50, 55, 56 and 58 as shown below.

40. (Previously added) A thickened oil cosmetic composition which comprises

- (1) an oil, and
- (2) dispersed in the oil, a polymer which
 - (a) has a crystalline melting point, T_p , and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than $T_p^{0.7}$;
 - (b) is soluble in the oil at temperatures above T_p ,
 - (c) has been dispersed in the oil by a process which comprises
 - (i) dissolving the polymer in the oil at a temperature above T_p , and
 - (ii) cooling the solution to crystallize the polymer in the oil,
 - (d) is a side chain crystalline (SCC) homopolymer which is substantially free of functional groups, and
 - (e) is present in amount such that it thickens the oil;

the composition being at a temperature

- (i) which is below T_p , and
- (ii) at which the composition, in the absence of the polymer, is liquid.

41. (Previously added) A composition according to Claim 40, wherein the SCC polymer consists essentially of units derived from an n-alkyl acrylate or methacrylate in which the n-alkyl group contains 12 to 50 carbon atoms.

42. (Currently amended) A composition according to Claim 40 wherein the SCC polymer is present in amount ~~at least 3~~ 0.1 to 12% by weight, based on the weight of the oil.

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43. (Previously added) A composition according to Claim 40 which contains 3 to 10% by weight of the SCC polymer.

44. (Previously added) A composition according to Claim 40 which is at a temperature of 20 to 25 °C and wherein T_p is more than 40 °C.

45. (Previously added) A thickened oil cosmetic composition comprising

- (1) an oil, and
- (2) dispersed in the oil, a polymer which
 - (a) has a crystalline melting point, T_p , and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than $T_p^{0.7}$;
 - (b) is soluble in the oil at temperatures above T_p ,
 - (c) has been dispersed in the oil by a process which comprises
 - (i) dissolving the polymer in the oil at a temperature above T_p , and
 - (ii) cooling the solution to crystallize the polymer in the oil,
 - (d) is a side chain crystalline (SCC) polymer which is substantially free of functional groups, and which consists of
 - (i) 50 to 100% by weight of units derived from at least one n-alkyl acrylate or methacrylate in which the n-alkyl group contains 12 to 50 carbon atoms, and
 - (ii) 0 to 50% by weight of units derived from at least one alkyl acrylate or methacrylate in which the alkyl group is not an n-alkyl group containing 12 to 50 carbon atoms, and
 - (e) is present in amount such that it thickens the oil;

the composition being at a temperature

- (i) which is below T_p , and
- (ii) at which the composition, in the absence of the polymer, is liquid.

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46. (Previously added) A composition according to Claim 45 which is substantially free of water.
47. (Previously added) A composition according to Claim 45 which is at a temperature of 20 to 25 °C and wherein T_p is above 40 °C.
48. (Currently amended) A composition according to Claim 45 which is ~~as~~ at a temperature of 20 to 25 °C and wherein T_p is 40-50 °C.
49. (Previously added) A composition according to Claim 45, wherein $T_p - T_o$ is less than 10°C.
50. (Currently amended) A composition according to Claim 45 wherein the SCC polymer is present in amount ~~at least 3~~ 0.1 to 12% by weight, based on the weight of the oil.
51. (Previously added) A composition according to Claim 45 which contains 3 to 7% by weight of the SCC polymer.
52. (Canceled)
53. (Currently amended) A composition according to Claim ~~55~~ 52 wherein the SCC polymer contains at least 80% by weight of repeating units containing a side chain comprising a linear polymethylene radical containing 10 to 50 carbon atoms.
54. (Currently amended) A composition according to Claim ~~55~~ 52 wherein the units derived from at least one n-alkyl acrylate or methacrylate in which the n-alkyl group containing 12 to 50 carbon atoms are units derived from at least one n-alkyl acrylate in which the n-alkyl group contains 16 to 50 carbon atoms

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55. (Currently amended) A thickened oil composition comprising

(1) an oil, and

(2) dispersed in the oil, ~~A composition according to Claim 52~~
which contains 3 to 10% by weight of the SCC polymer ~~a polymer~~
which

(a) has a crystalline melting point, T_p , and an onset of melting
temperature, T_o , such that $T_p - T_o$ is less than $T_p^{0.7}$;

(b) is soluble in the oil at temperatures above T_p ,

(c) has been dispersed in the oil by a process which comprises
(i) dissolving the polymer in the oil at a temperature above T_p ,
and

(ii) cooling the solution to crystallize the polymer in the oil,
and

(d) is a side chain crystalline (SCC) polymer which is
substantially free of functional groups, and which consists of

(i) 50 to 100% by weight of units derived from at least
one n-alkyl acrylate or methacrylate in which the n-alkyl
group contains 12 to 50 carbon atoms, and

(ii) 0 to 50% by weight of units derived from at least one
alkyl acrylate or methacrylate in which the alkyl group is not
an n-alkyl group containing 12 to 50 carbon atoms;

the composition being at a temperature below T_p .

56. (Currently amended) A composition according to Claim ~~55~~ 52 which is at a temperature of 20 to 25 °C and wherein T_p is more than 40 °C.

57. (Canceled)

58. (Currently amended) ~~A composition according to Claim 57 which contains A~~
thickened oil composition which comprises

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- (1) an oil, and
 - (2) dispersed in the oil, 3 to 10% by weight of the SCC polymer a side chain crystalline (SCC) homopolymer which
 - (a) has a crystalline melting point, T_p , of 20 to 80 °C, and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than 10 °C;
 - (b) is soluble in the oil at temperatures above T_p .
 - (c) has been dispersed in the oil by a process which comprises
 - (i) dissolving the polymer in the oil at a temperature above T_p , and
 - (ii) cooling the solution to crystallize the polymer in the oil.
 - (d) contains at least 80% by weight of repeating units containing a side chain comprising a linear polymethylene radical containing 10 to 50 carbon atoms or a linear substantially perfluorinated polymethylene radical containing 6 to 50 carbon atoms, and
 - (e) is substantially free of functional groups;
- the composition being at a temperature below T_p .

59. (Previously added) A thickened oil composition comprising

- (1) an oil selected from the group consisting of hydrogenated polyisobutylene; triglycerides; purcellin oil; isopropyl myristate; butyl myristate; cetyl myristate; isopropyl palmitate; butyl palmitate; ethyl-2-hexyl palmitate; isopropyl stearate; butyl stearate; octyl hexadecyl stearate; isocetyl stearate; decyl oleate; hexyl laurate; propylene glycol dicaprylate, diisopropyl adipate; animal oils; silicone oils; oleyl alcohol; linoleyl alcohol; linolenyl alcohol; isostearyl alcohol; octyl dodecanol; esters derived from lanolic acid; and acetyl glycerides.; and
- (2) dispersed in the oil, a polymer which
 - (a) has a crystalline melting point, T_p , and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than $T_p^{0.7}$;
 - (b) is soluble in the oil at temperatures above T_p .

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- (c) has been dispersed in the oil by a process which comprises (i) dissolving the polymer in the oil at a temperature above T_p , and (ii) cooling the solution to crystallize the polymer in the oil, and
- (d) is a side chain crystalline (SCC) polymer which is substantially free of functional groups, and which consists of
 - (i) 50 to 100% by weight of units derived from at least one n-alkyl acrylate or methacrylate in which the n-alkyl group contains 12 to 50 carbon atoms, and
 - (ii) 0 to 50% by weight of units derived from at least one alkyl acrylate or methacrylate in which the alkyl group is not an n-alkyl group containing 12 to 50 carbon atoms;

the composition being at a temperature below T_p .

60. (Previously added) A composition according to Claim 59, wherein T_p is above 40 °C.

61. (Previously added) A composition according to Claim 59, wherein T_p is 40-50 °C.

62. (Previously added) A composition according to Claim 59, wherein $T_p - T_o$ is less than 10°C.

63. (Previously added) A composition according to Claim 59, wherein the SCC polymer comprises a homopolymer of the n-alkyl acrylate in which the n-alkyl group contains 18 carbon atoms.

64. (Previously added)) A composition according to Claim 59, wherein the SCC polymer a homopolymer of the n-alkyl acrylate in which the n-alkyl group contains 22 carbon atoms.

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65. (Previously added) A composition according to Claim 59 wherein the oil is a vegetable oil.

66. (Previously added) A composition according to Claim 59 wherein the oil is selected from the group consisting of sunflower seed oil, sesame seed oil, rape seed oil, sweet almond oil, calphyllum oil, palm oil, avocado oil, jojoba oil, olive oil, castor oil, and grain germ oils.

67. (Previously added) A composition according to Claim 59 wherein the oil is selected from perhydrosqualene, dimethyl polysiloxane, phenyl dimethicones, isopropyl lanolate, isocetyl lanolate, octanoates of glycol, octanoates of glycerol, decanoates of glycol, decanoates of glycerol, and cetyl ricinoleate.

68. (Previously added) A thickened oil composition which is a water-in-oil emulsion and which comprises

- (1) an oil, and
- (2) dispersed in the oil, a polymer which
 - (a) has a crystalline melting point, T_p , and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than $T_p^{0.7}$;
 - (b) is soluble in the oil at temperatures above T_p ,
 - (c) has been dispersed in the oil by a process which comprises
 - (i) dissolving the polymer in the oil at a temperature above T_p , and
 - (ii) cooling the solution to crystallize the polymer in the oil,and
 - (d) is a side chain crystalline (SCC) polymer which is substantially free of functional groups;

the composition being at a temperature below T_p .

69. (Previously added) A thickened oil composition which is a water-in-oil emulsion and which comprises

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- (1) an oil, and
 - (2) dispersed in the oil, a side chain crystalline (SCC) polymer which
 - (a) has a crystalline melting point, T_p , of 20 to 80 °C, and an onset of melting temperature, T_o , such that $T_p - T_o$ is less than 10 °C;
 - (b) is soluble in the oil at temperatures above T_p ,
 - (c) has been dispersed in the oil by a process which comprises
 - (i) dissolving the polymer in the oil at a temperature above T_p , and
 - (ii) cooling the solution to crystallize the polymer in the oil,
 - (d) contains at least 80% by weight of repeating units containing a side chain comprising a linear polymethylene radical or a linear substantially perfluorinated polymethylene radical containing 6 to 50 carbon atoms, and
 - (e) is substantially free of functional groups;
- the composition being at a temperature below T_p .

70. (Previously added) A composition according to Claim 69, wherein T_p is 40-50 °C.

71. (Previously added) A composition according to Claim 69, wherein the SCC polymer consists essentially of units derived from at least one n-alkyl acrylate or methacrylate in which the n-alkyl group contains 12 to 50 carbon atoms.

72. (Previously added) A composition according to Claim 69 which contains 3 to 10% by weight of the SCC polymer.

73. (Previously added) A composition according to Claim 69 which contains 3 to 7% by weight of the SCC polymer.

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